	Approved TEMALICAS 2002 700 108 : CIA RDP82 0045 CENTRAL INTELLIGENCE AGENCY	7R011400220003-2 REPORT NO. 25X1A
•	INFORMATION REPORT	CD NO.
COUNTRY	Germany (Russian Zone) Soviet Tank Repair Shop at Kirchmoeser	DATE DISTR. 2 May 1952 NO. OF PAGES 1
PLACE ACQUIRED DATE OF INFO.	25X1A 	NO. OF ENCLS. 1(2 pages, Diagram) (USTED BELOW) 1 2 pages, Sketch)  SUPPLEMENT TO REPORT NO.
25X1 2.	draft for the construction of a spray-painting sh the stages of disassembling and assembling work o of a rotating drum used for the repair of tank hu	op; a schematic sketch indicating on the conveyor belt and a sketch lls.  were occupied only by crews tenance work on their tanks. guard duties in the main shop
25X1A **  25X1B  25X1	Corment. It is believed that, after increase repair shop, the Russians are not going to return road repair shop, to the Reichsbahn. The tank result of the installation. The Soviet officers who sign tenant Colonel (Tech) Vasilyev (fnu), first enging and Colonel (Tech) Orlov (fnu), deputy commanding reported for the first time. Colonel (Tech) Kolemeair shop.    Was known before.	using the capacity of the tank the installation, a former rail- epair shop occupies two thirds med the blusprint, i. e. Lieu- teer of the tank repair shop; 25X1E ty officer of, are
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Schematic Sketch Specifying the Stages or
Disassembling and Assembling work on the
Assembly Line Annex 2 278 m 2 D Ε Ī 1 IIĪV Ī  $\overline{\mathcal{U}}$ <u>VII</u>

> Cross section of assembly line concrete

3

\ iron plate

U-iron,18 cm wire rope

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wire rope with hook

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Annex 2

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### A Schematic Sketch Specifying the Stages of Disassembling and Assembling

Work on the Conveyor Belt.

(Maximum cpacity: 30 tanks)

### Legend:

- A Disassembly of tank tracks. The tracks can also be disassembled beside the conveyor belt. Disassembled tracks are hauled to another workshop.
- B Disassembly of bogic whoels and turret. The turret is transported to the opposite corner by means of a crane; tank weapons are taken to the ordnance shop.
- C Tanks are lifted on a mobile support. Removal of engine and gears.
- D Tank washing cabin, 9.80 meters long.
- E Two drums under construction, probably for autogeneous and electric welding; work with compressed air hammers. See Annex 3.
- F Tank washing cabin, same as item D
  - I Assembly of bogie wheels
  - II Spraying of tanks in a special cabin, See Annex 1
- III Mounting of tracks
- IV Installation of engine and gears
- V Laying of electrical lines and other repair work
- VI Mounting of turret with installed weapons; the tank is lifted from its mobile support
- VII Greasing of tanks from a grease pit
  - 1 Cleaning of engines
  - 2 Steam bath for bogie wheels
  - 3 Storage site for disassembled tank turrets
  - 4 Wire rope
  - 5 Electric cable

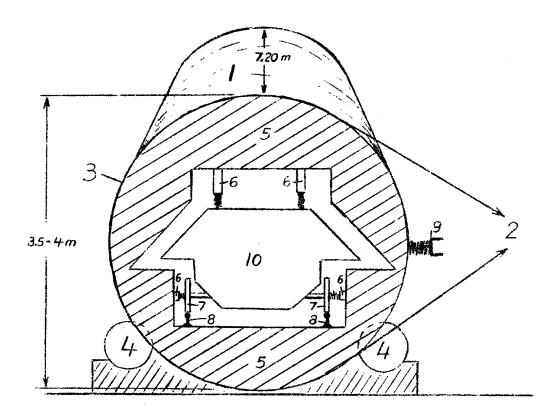
The assembly line is formed by two rails, 1.435 meters apart. A wire rope with hooks, 22.5 meters apart, runs between the rails. An electric cable with switches, 22.5 meters apart, runs parallel to the rails. When the switches are operated, the tank hull automatically advances by 25 meters. The mobile support upon which the tank hull rests is fastened to the hook.

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Annex 3

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## Front View of Rotating Drum Used for the Repair of Tank Hulls in Kirchmoeser



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Annex 3 = 2 -

# Front View of Rotating Drum Used for the Repair of Tank Hulls in Kirchmoeser.

### Legend:

- 1 The drum is 7.20 meters long and 3.5 to h meters high
- 2 Electrically operated wire used to rotate the drum
- 3 Guide rail, U-iron, around the drum at its two ends
- 4 Wheels running on the guide rail and supporting the weight of the drum
- 5 Exit or entrance of drum; the profile of the tank hull is cut out from a sheet metal cover
- 6 Special clamps welded to the inner side of the drum by which the tank is fastened
- 7 Bogie wheels supporting the tank hull
- 8 Rails on which the bogie wheels run
- 9 External fastening device for rotating drum
- 10 Tank hull

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A Blueprint of a Soviet Original Draft for the Construction of a Spray-Painting Shop

